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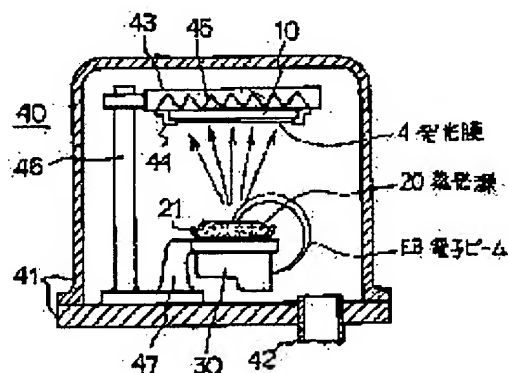
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(54) FORMATION OF ELECTROLUMINESCENCE LIGHT EMITTING FILM

(57)Abstract:

PURPOSE: To improve the light emitting brightness of the light emitting film which consists of zinc sulfide as its base material and is used for an electroluminescence display panel, etc., by forming this film with good crystallinity.

CONSTITUTION: A vapor deposition source 20 for sintered pellets, etc., formed by previously adding a light emission center element to a base material is heated by a means, such as electron beam EB, etc., to evaporate the pellets and the light emitting film 4 is formed at 1 to 50 μ m/sec by a vacuum vapor deposition method, by which the crystal grain size of the base material in the light emitting element 4 is increased and the intrusion of abnormal particles by the bumping of the evaporating source 20 is lessened. The crystallinity of the light emitting film 4 is improved and the electroluminescence light emitting brightness is enhanced.



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